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To: [Bachman, Brenda](#)
Cc: [Brown, Donald M.](#); [Bailey, Stephanie](#)
Subject: Updated toxicity test protocol for larval Pacific oyster
Date: Friday, April 07, 2017 4:16:53 PM
Attachments: [2nd Draft Larval to Juvenile Pacific Oyster Toxicity Test Protocol.docx](#)
[EPA 1996 Marine Water TIE Guidance.pdf](#)

All,

Attached is the updated and hopefully improved toxicity test protocol, including some changes made based on what was learned during the successful first run of the test. Note that this tests only ambient water, it does not describe a toxicity identification evaluation (TIE). Don, it makes the most sense to me that this toxicity test protocol should be added to the QAPP as a new appendix, although it could also serve as a standalone document. Any comments / suggestions on the updated tox test protocol are welcome.

Unlike everything else in this oyster work, EPA does have a TIE standard protocol for performing the chemical adjustments on test water prior to the use of the modified water in a toxicity test. I've attached both the toxicity test protocol update and the EPA marine water TIE protocol, which describes the chemical adjustments needed prior to running a toxicity test on the modified water.

Best regards,

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"Facts are stubborn things, but statistics are more pliable"

- Mark Twain